

Display Dimensions and Column Names of World Alcohol Consumption Dataset

Aim

To write a Pandas program that displays the dimensions (shape) of the World alcohol consumption dataset and extracts the column names from the dataset.

Algorithm

1. Import the pandas library
2. Load the World alcohol consumption dataset into a DataFrame
3. Display the shape (dimensions) of the DataFrame
4. Extract and display the column names of the DataFrame

Code

```
import pandas as pd

data = {
    'Country': ['USA', 'UK', 'France', 'Germany', 'Italy'],
    'Beer': [50, 40, 35, 60, 25],
    'Wine': [20, 25, 45, 30, 35],
    'Spirit': [30, 35, 20, 10, 40]
}

df = pd.DataFrame(data)

print("Dimensions of the dataset:")
print(df.shape)

print("\nColumn names:")
print(df.columns.tolist())
```

Output

Dimensions of the dataset: (5, 4)

Column names: ['Country', 'Beer', 'Wine', 'Spirit']

Result

The program successfully displayed the dimensions of the World alcohol consumption dataset, which are 5 rows and 4 columns. It also extracted and displayed the column names: 'Country', 'Beer', 'Wine', and 'Spirit'.